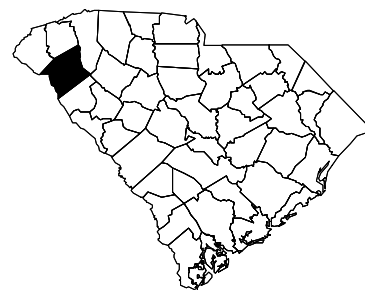


# IMPACT OF CHRONIC CONDITIONS ANDERSON County, 2002



In the year 2002, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, diabetes, Alzheimer's disease, pneumonia and influenza, nephritis, nephritic syndrome, nephrosis and septicemia. This report focuses on the chronic conditions of the population of Anderson county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The majority (38%) of the population in Anderson county are between the ages of 18-44. Anderson county has a higher percentage of people age 45-64 (25%) than the state (24%). There are more females (52%) than males (48%). Anderson county has a lower minority population (18%) than the state (32%). When adults in Anderson county were asked about their general health status, 77.5% reported having excellent, very good, or good health in 2002 (SC was 83%).

	ANDERSON COUNTY	STATE
<b>Population size</b>	170,578	4,107,183
<b>Age distribution (%)</b>		
<18	23	24
18-44	38	40
45-64	25	24
65-84	12	11
85+	2	1
<b>Race (%)</b>		
White	82	68
Black & Other	18	32
<b>Sex (%)</b>		
Male	48	49
Female	52	51

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, and high cholesterol. The prevalence of these risk factors from the 2002 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for Anderson County.

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	23	27
Sedentary lifestyle	41	42
Overweight	67	60
High Cholesterol	9	8

Some preventive measures such as immunization were included in the 2002 SC BRFSS. For persons aged 65 and older in South Carolina:

30.6% have not received the flu shot in the past 12 months

35.1% have never had the pneumonia vaccination.

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

HYPERTENSION	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	36.4					28.4
Number of hospitalizations	193	82	111	100	93	5,173
Standard rate of hospitalizations (per 100,000)	106	296	70	125	88	125
Median age of hospitalized patients	63	53	68	58	68	63
Total cost of hospitalization (\$)	2,930,800	949,700	1,981,100	1,545,200	1,385,600	79,350,400
Average length of hospital stay (days)	5	4	6	5	5	5
Number of ED visits	249	118	131	127	122	7,306
Standard rate of ED visits (per 100,000)	138	422	84	153	126	175
Median age of ED patients	48	48	58	48	53	53
Total cost of ED visits (\$)	234,200	112,600	121,600	106,600	127,600	5,902,800
Number of deaths*	8	3	5	2	6	366
Standard death rate (per 100,000)*	5	12	3	2	6	9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	3.4					5.13
Number of hospitalizations	1,439	170	1,269	842	597	30,831
Standard rate of hospitalizations (per 100,000)	759	671	774	993	564	734
Median age of hospitalized patients	63	68	63	63	68	68
Total cost of hospitalization (\$)	55,505,900	6,328,200	49,177,700	34,770,400	20,735,500	969,122,700
Average length of hospital stay (days)	5	6	5	5	5	5
Number of ED visits	97	21	76	53	44	2,754
Standard rate of ED visits (per 100,000)	52	82	47	67	41	66
Median age of ED patients	68	83	68	68	63	63
Total cost of ED visits (\$)	364,600	59,300	305,300	205,400	159,200	10,617,900
Number of deaths*	461	69	390	269	192	9,723
Standard death rate (per 100,000)*	251	292	244	359	172	246

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	2.24					2.38
Number of hospitalizations	637	114	523	316	321	14,317
Standard rate of hospitalizations (per 100,000)	340	459	321	391	298	351
Median age of hospitalized patients	73	68	73	68	75	73
Total cost of hospitalization (\$)	14,147,900	2,815,400	11,332,500	6,581,100	7,566,800	279,819,700
Average length of hospital stay (days)	6	8	6	6	7	6
Number of ED visits	94	18	76	47	47	2,732
Standard rate of ED visits (per 100,000)	51	68	47	62	44	67
Median age of ED patients	78	83	73	68	78	73
Total cost of ED visits (\$)	275,800	64,600	211,200	149,500	126,300	6,322,600
Number of deaths*	104	21	83	44	60	2,816
Standard death rate (per 100,000)*	58	91	53	64	54	73

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	704	132	572	297	407	14,524
Standard rate of hospitalizations (per 100,000)	385	474	361	354	418	351
Median age of hospitalized patients	58	38	63	58	63	58
Total cost of hospitalization (\$)	11,374,200	1,919,600	9,454,600	4,873,300	6,500,900	198,700,700
Average length of hospital stay (days)	5	4	5	5	5	5
Number of ED visits	1,091	331	760	472	619	37,517
Standard rate of ED visits (per 100,000)	636	1,081	527	568	699	914
Median age of ED patients	33	23	38	28	38	33
Total cost of ED visits (\$)	932,600	249,000	683,600	426,700	505,900	30,607,600
Number of deaths*	95	8	87	54	41	1,891
Standard death rate (per 100,000)*	51	33	54	77	38	48

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	8.77	.	.	.	.	8.33
Number of hospitalizations	337	117	220	176	161	8,652
Standard rate of hospitalizations (per 100,000)	185	429	142	209	164	207
Median age of hospitalized patients	58	55	58	58	48	53
Total cost of hospitalization (\$)	6,442,400	2,198,600	4,243,800	3,332,600	3,109,800	127,167,500
Average length of hospital stay (days)	7	6	7	6	7	6
Number of ED visits	393	154	239	172	221	9,316
Standard rate of ED visits (per 100,000)	217	573	156	211	224	224
Median age of ED patients	58	58	58	58	58	53
Total cost of ED visits (\$)	345,200	125,400	219,800	151,500	193,700	8,261,100
Number of deaths*	60	16	44	21	23	1,114
Standard death rate (per 100,000)*	33	68	27	32	24	28

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	1,141	225	916	429	712	24,644
Standard rate of hospitalizations (per 100,000)	619	854	578	524	729	591
Median age of hospitalized patients	63	58	63	68	58	58
Total cost of hospitalization (\$)	28,562,000	5,266,100	23,295,900	13,776,000	14,786,000	605,119,300
Average length of hospital stay (days)	6	6	6	8	5	6
Number of deaths*	381	50	331	201	180	8,320
Standard death rate (per 100,000)*	203	212	203	266	165	203

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	104	22	82	60	44	2,113
Standard rate of hospitalizations (per 100,000)	56	91	50	75	41	51
Median age of hospitalized patients	73	73	73	68	73	68
Total cost of hospitalization (\$)	4,914,800	1,003,100	3,911,700	2,807,200	2,107,600	80,248,200
Average length of hospital stay (days)	12	12	12	12	13	10
Number of deaths*	51	8	43	27	24	807
Standard death rate (per 100,000)*	27	34	26	36	21	20

BREAST CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	86	7	79	.	86	1,465
Standard rate of hospitalizations (per 100,000)	45	28	48	.	83	35
Median age of hospitalized patients	65	58	68	.	65	63
Total cost of hospitalization (\$)	999,400	68,300	931,100	.	999,400	21,213,600
Average length of hospital stay (days)	2	2	2	.	2	3
Number of deaths*	30	4	26	-	30	630
Standard death rate (per 100,000)*	16	15	16	-	28	15

CERVICAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	222
Standard rate of hospitalizations (per 100,000)	2	3	1	.	3	5
Median age of hospitalized patients	43	33	50	.	43	48
Total cost of hospitalization (\$)	33,800	14,700	19,100	.	33,800	3,668,300
Average length of hospital stay (days)	3	4	2	.	-	4
Number of deaths*	-	-	-	-	-	26
Standard death rate (per 100,000)*	-	-	-	-	2	3

LUNG CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	77	10	67	47	30	2,154
Standard rate of hospitalizations (per 100,000)	40	40	39	57	28	51
Median age of hospitalized patients	68	65	68	68	63	68
Total cost of hospitalization (\$)	2,749,300	269,200	2,480,100	2,002,200	747,100	70,474,400
Average length of hospital stay (days)	9	9	9	11	7	9
Number of deaths*	95	11	84	60	35	2,481
Standard death rate (per 100,000)*	50	46	51	74	33	60

PROSTATE CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	41	10	31	41	.	1,353
Standard rate of hospitalizations (per 100,000)	21	37	19	48	.	32
Median age of hospitalized patients	63	63	63	63	.	68
Total cost of hospitalization (\$)	669,300	198,700	470,600	669,300	.	24,726,200
Average length of hospital stay (days)	4	6	4	4	.	4
Number of deaths*	23	4	19	23	.	478
Standard death rate (per 100,000)*	13	18	12	39	.	12

\*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC using ICD-10 codes.

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